

What is claimed is:

1. A compressor comprising:

a front housing closing one end of a front cylinder block;

a rear housing closing one end of a rear cylinder block;

5 the front and rear cylinder blocks arranged to be combined

with each other between the front housing and the rear housing;

refrigerant gas inlet and outlet ports formed on the outer

peripheral surface of at least any of the front and rear cylinder

blocks;

10 a front discharge conduit provided to pass through a first

partition defining a front refrigerant gas discharge chamber to

be isolated from a front refrigerant gas suction chamber, inside

the front refrigerant gas suction chamber, thereby delivering the

refrigerant gas discharged into the front refrigerant gas

15 discharge chamber of the front housing toward the outside of the

compressor;

a rear discharge conduit provided to pass through a second

partition defining a rear refrigerant gas discharge chamber to be

isolated from a rear refrigerant gas suction chamber, inside the

20 rear refrigerant gas suction chamber, thereby delivering the

refrigerant gas discharged into the rear refrigerant gas

discharge chamber of the rear housing toward the outside of the

compressor;

front and rear auxiliary expansion portion formed communicating with the outlet sides of the front and rear discharge conduits;

discharge coupling passageways disposed in the front and
5 rear cylinder blocks and connected with the front and rear auxiliary expansion portion; and

a main expansion portion provided between the discharge coupling passageways in such a manner as to communicate with the refrigerant gas outlet port.

10 2. A compressor according to claim 1, wherein the main expansion portion is formed extending an end of the discharge coupling passageway of the front cylinder block or the rear cylinder block, as an integral body in the front or rear cylinder block.

15 3. A compressor according to claim 1, wherein the main expansion portion is formed outside the front cylinder block or the rear cylinder block.

4. A compressor according to claim 1, wherein at least one or more the front and rear discharge conduits are positioned at
20 shortest distances between the central portions of the front and rear refrigerant gas discharge chambers of the front and rear housings and the central portions of the inlet ends thereof.

5. A compressor according to claim 1, wherein at least one or more the front and rear auxiliary expansion portion have

volumes larger than volumes of the front and rear discharge conduits.

6. A compressor according to claim 1, wherein at least one or more the discharge coupling passageways have passageway 5 sectional areas larger than or the same as passageway sectional areas of the front and rear discharge conduits.

7. A compressor according to claim 1, wherein the main expansion portion has a volume larger than or the same as a sum of volumes of the front and rear auxiliary expansion portion.

10 8. A compressor according to claim 1, wherein at least one or more the front and rear discharge conduits communicate with the lower face of any of the front and rear auxiliary expansion portion.

9. A compressor according to claim 1, wherein at least one 15 or more the front and rear discharge conduits have passageway sectional areas that become increased toward the outlets from the inlets thereof or become increased step by step.

10. A compressor according to claim 1, wherein a passageway length between the front discharge conduit of the front housing 20 and the refrigerant gas outlet port is the same as a passageway length between the rear discharge conduit of the rear housing and the refrigerant gas outlet port.